



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date July 29, 2019	EPA Reg No./File Symbol 75640-X	Page 1 of 17
Applicant's/Registrant's Name & Address ADAMA Andina BV c/o Makhteshim Agan of North America (d/b/a ADAMA) 3120 Highwoods Blvd., Suite 100 Raleigh, NC 27604	Product Propanil Technical	

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT SPECIFIC DATA REQUIREMENTS					
830.1550	Product Identity and Composition	50886601	ADAMA Andina BV	OWN	
830.1600	Description of Materials Used to Produce the Product	50886601	ADAMA Andina BV	OWN	
830.1620	Description of the Production Process	50886601	ADAMA Andina BV	OWN	
830.1650	Description of the Formulation Process				Not Required
830.1670	Discussion of Formation of Impurities	50886601	ADAMA Andina BV	OWN	
830.1700	Preliminary Analysis	50886602	ADAMA Andina BV	OWN	
830.1750	Certified Limits	50886601	ADAMA Andina BV	OWN	
830.1800	Enforcement Analytical Method	50886602	ADAMA Andina BV	OWN	
830.6302	Color	50886603	ADAMA Andina BV	OWN	
830.6303	Physical State	50886603	ADAMA Andina BV	OWN	
830.6304	Odor	50886603	ADAMA Andina BV	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals and Metal Ions	50886603 50886604	ADAMA Andina BV	OWN	Waiver
830.6314	Oxidation / Reduction: Chemical Incompatibility	50886603	ADAMA Andina BV	OWN	
830.6315	Flammability	50886604	ADAMA Andina BV	OWN	Waiver
830.6316	Explosibility	50886604	ADAMA Andina BV	OWN	Waiver
830.6317	Storage Stability	50886605	ADAMA Andina BV	OWN	
830.6319	Miscibility	50886604	ADAMA Andina BV	OWN	Waiver
830.6320	Corrosion Characteristics	50886605	ADAMA Andina BV	OWN	
830.6321	Dielectric Breakdown Voltage	50886604	ADAMA Andina BV	OWN	Waiver

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EPA Reg No./File Symbol 75640-X

Page 1 of 17

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Product

Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

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			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
					Not Required
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	Waiver
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	Waiver
			ADAMA Andina BV	OWN	Waiver
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830.7000	pH	50886603	ADAMA Andina BV	OWN	
830.7050	UV / Visible Absorption	50886603	ADAMA Andina BV	OWN	
830.7100	Viscosity	50886604	ADAMA Andina BV	OWN	Waiver
830.7200	Melting Point / Melting Range	50886603	ADAMA Andina BV	OWN	
830.7220	Boiling Point / Boiling Range	50886604	ADAMA Andina BV	OWN	Waiver
830.7300	Density / Relative Density / Bulk Density	50886603	ADAMA Andina BV	OWN	
830.7370	Dissociation Constants in Water	50886604	ADAMA Andina BV	OWN	Waiver
830.7520	Particle Size, Fiber Length, and Diameter Distribution	50886604	ADAMA Andina BV	OWN	Waiver
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	50886604	ADAMA Andina BV	OWN	Waiver
830.7560	Partition Coefficient (n-octanol/water), Generator Method				See 830.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method, Shake Flask Method	50886604	ADAMA Andina BV	OWN	Waiver
830.7860	Water Solubility: Generator Column Method				See 830.7840
830.7950	Vapor Pressure	50886604	ADAMA Andina BV	OWN	Waiver
870.1100	Acute Oral Toxicity – rat	41360801		OLD	See endnote ¹
870.1200	Acute Dermal Toxicity – rat	41360901		OLD	See endnote ²
870.1300	Acute Inhalation Toxicity – rat	41265901 44685902		OLD OLD	See endnote ³
870.2400	Eye Irritation	41360501		OLD	See endnote ⁴

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EPA Reg No./File Symbol 75640-X

Page 2 of 17

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			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	Waiver
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	Waiver
			ADAMA Andina BV	OWN	
			ADAMA Andina BV	OWN	Waiver
			ADAMA Andina BV	OWN	Waiver
			ADAMA Andina BV	OWN	Waiver
					See 830.7550
					See 830.7550
			ADAMA Andina BV	OWN	Waiver
					See 830.7840
			ADAMA Andina BV	OWN	Waiver
				OLD	See endnote ¹
				OLD	See endnote ²
				OLD	See endnote ³
				OLD	
				OLD	See endnote ⁴
				OLD	See endnote ⁵

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EPA Reg No./File Symbol 75640-X

Page 3 of 17

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2500	Skin Irritation	41360601		OLD	See endnote ⁵
870.2600	Skin Sensitization	40070204 41360401		OLD OLD	See endnote ⁶
PROPANIL GENERIC DATA REQUIREMENTS					
850.2100	Acute Avian Oral Toxicity	41361001 50663401	Propanil Task Force II	OLD PAY	See endnote ⁷
850.2200	Acute Avian Dietary Toxicity	41360701 41361101 49954203	Propanil Task Force II	OLD OLD PAY	See endnote ⁸
850.2400	Wild Mammal Toxicity				Not required / See 870 series
850.2300	Avian Reproductive Toxicity	48235101 48327201	Propanil Task Force II Propanil Task Force II	PAY PAY	See endnote ⁹
850.2500	Simulated or Actual Field Testing				Not required
850.1075	Freshwater Fish Toxicity	00084821 (ACC 246087) 00124276 (ACC 249347)		OLD OLD	See endnote ¹⁰
850.1010	Freshwater Invertebrate Toxicity	00124277 (ACC 249347)		OLD	See endnote ¹¹

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD OLD	See endnote ⁶
PROPANIL GENERIC DATA REQUIREMENTS					
			Propanil Task Force II	OLD PAY	See endnote ⁷
			Propanil Task Force II	OLD OLD PAY	See endnote ⁸
					Not required / See 870 series
			Propanil Task Force II Propanil Task Force II	PAY PAY	See endnote ⁹
					Not required
				OLD OLD	See endnote ¹⁰
				OLD	See endnote ¹¹
				OLD OLD OLD	See endnote ¹²

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1025, 850.1035, 850.1045, 850.1055, 850.1075	Acute Toxicity Estuarine and Marine Organisms	41776001 41776901 41777101		OLD OLD OLD	See endnote ¹²
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	42145601		OLD	See endnote ¹³
850.1350	Aquatic Invertebrate Life Cycle (Saltwater)				Not required ¹⁴
850.1400	Fish Early Life Stage (Freshwater)	00117965 41776501 42259601		OLD OLD OLD	See endnote ¹⁵
850.1400	Fish Early Life Stage (Saltwater)				Not required ¹⁶
850.1500	Life Cycle Fish	42475301		OLD	See endnote ¹⁷
850.1710, 850.1730, 850.1850	Aquatic Organisms Bioavailability, Biomagnification, Toxicity				Waived ¹⁸
850.1950	Simulated or Actual Field Testing for Aquatic Organisms				Not required
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
N/A	Whole Sediment: Chronic Invertebrates Freshwater and Marine				Not required
850.3020	Honey Bee Acute Contact Toxicity	00009181		OLD	See endnote ¹⁹
850.3030	Honeybee Toxicity of Residues on Foliage				Reserved ²⁰
850.3040	Field Testing for Pollinators				Reserved ²¹
SS-1155	Residues in Pollen and Nectar/Field Residue Analysis				Reserved ²²

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EPA Reg No./File Symbol 75640-X

Page 4 of 17

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ¹³
					Not required ¹⁴
				OLD OLD OLD	See endnote ¹⁵
					Not required ¹⁶
				OLD	See endnote ¹⁷
					Waived ¹⁸
					Not required
					Not required
					Not required
					Not required
				OLD	See endnote ¹⁹
					Reserved ²⁰
					Reserved ²¹
					Reserved ²²
			Riceco, LLC	PAY	See endnote ²³
			Riceco, LLC	PAY	
			Riceco, LLC	PAY	
			Propanil Task Force II	PAY	See endnote ²⁴
					Reserved ²⁵

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SS-1311	Honey bee adult acute oral toxicity	50499401 50499402	Riceco, LLC Riceco, LLC	PAY PAY	See endnote ²³
Non-guideline	Honey bee larvae acute oral toxicity	50499601	Riceco, LLC	PAY	
SS-1314	Honey bee larvae chronic oral toxicity	50736601	Propanil Task Force II	PAY	See endnote ²⁴
SS-1315	Semi-field testing for pollinators				Reserved ²⁵
SS-1346	Chronic Oral Toxicity - Adult Honeybee	50499501	Riceco, LLC	PAY	See endnote ²⁶
870.6100	Delayed Neurotoxicity (Acute) – Hen				Not required ²⁷
870.6200	Acute Neurotoxicity – Rat	50353907	Riceco, LLC	PAY	See endnote ²⁸
870.3100	90-Day Oral: Rodent	00015419 00046259 40402901		OLD OLD OLD	See endnote ²⁹
870.3150	90-Day Oral: Non-Rodent	42962901		OLD	See endnote ³⁰
870.3200	21/28-Day Dermal Toxicity	41777001 41961801		OLD OLD	See endnote ³¹
870.3250	90-Day Dermal Toxicity				Not required ³²
870.3465	90-Day Inhalation Toxicity	50294601	Propanil Task Force II	PAY	See endnote ³³
870.6100	28-Day Delayed Neurotoxicity – Hen				Not required ³⁴
870.6200	90-Day Neurotoxicity				Waived ³⁵
870.4100	Chronic Oral Rodent	00015419 43303201		OLD OLD	See endnote ³⁶

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Page 5 of 17

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			Riceco, LLC	PAY	See endnote ²⁶
					Not required ²⁷
			Riceco, LLC	PAY	See endnote ²⁸
				OLD OLD OLD	See endnote ²⁹
				OLD	See endnote ³⁰
				OLD OLD	See endnote ³¹
					Not required ³²
			Propanil Task Force II	PAY	See endnote ³³
					Not required ³⁴
					Waived ³⁵
				OLD OLD	See endnote ³⁶
				OLD OLD OLD OLD OLD	See endnote ³⁷

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870.4200	Carcinogenicity	00015419 00155215 43303201 43391701 43677801		OLD OLD OLD OLD OLD	See endnote ³⁷
870.3700	Reproduction / Developmental Toxicity Screening Test	00058588 00058589 45518801		OLD OLD OLD	See endnote ³⁸
870.3800	2-Generation Reproduction: Rat	00036091 44604301		OLD OLD	See endnote ³⁹
870.6300	Developmental Neurotoxicity Study				Not required ⁴⁰
870.5100	Bacterial Reverse Mutation Test	00028625 00155085		OLD OLD	See endnote ⁴¹
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Assay	00155083 00155084		OLD OLD	See endnote ⁴²
870.5385, 870.5395, 870.5450, 870.5550	<i>In vivo</i> Cytogenetics and Other Effects	00028625		OLD	See endnote ⁴³
870.7485	Metabolism and Pharmacokinetics	41796401 41796402		OLD OLD	See endnote ⁴⁴
870.7200	Companion Animal Safety				Not required
870.7600	Dermal Penetration				Not required ⁴⁵
870.7800	Immunotoxicity	47162901	Propanil Task Force II	PAY	See endnote ⁴⁶

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Page 6 of 17

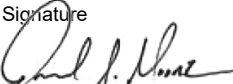
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				OLD OLD	See endnote ³⁹
					Not required ⁴⁰
				OLD OLD	See endnote ⁴¹
				OLD OLD	See endnote ⁴²
				OLD	See endnote ⁴³
				OLD OLD	See endnote ⁴⁴
					Not required
					Not required ⁴⁵
					Propanil Task Force II
			Propanil Task Force II	PAY	See endnote ⁴⁷
			Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
					Not required
			Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
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Date July 29, 2019	EPA Reg No./File Symbol 75640-X	Page 7 of 17
Applicant's/Registrant's Name & Address ADAMA Andina BV c/o Makhteshim Agan of North America (d/b/a ADAMA) 3120 Highwoods Blvd., Suite 100 Raleigh, NC 27604	Product Propanil Technical	

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
890.1150	Androgen Receptor Binding Assay (rat prostate)	48663401	Propanil Task Force II	PAY	See endnote ⁴⁷
875.1100	Dermal Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.1200	Dermal Exposure – Indoor				Not required
875.1300	Inhalation Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.1400	Inhalation Exposure – Indoor				Not required
875.1500	Biological Monitoring	46075501	Agricultural Handler Exposure TF	OLD OWN	See endnote ⁴⁹
875.1600	Data Reporting and Calculations		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.1700	Product Use Information		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.2100	Dislodgeable Foliar Residue and Turf Transferable Residues	50599901	Propanil Task Force II	PAY	
875.2200	Soil Residue Dissipation		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰
875.2400	Dermal Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰
875.2500	Inhalation Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰
875.2600	Biological Monitoring		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰

Signature

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 7 of 17

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					Not required
			Agricultural Handler Exposure TF	OLD OWN	See endnote ⁴⁹
			Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
			Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
			Propanil Task Force II	PAY	
			Agricultural Reentry TF	OWN	See endnote ⁵⁰
			Outdoor Residential Exposure TF	OWN	
			Agricultural Reentry TF	OWN	See endnote ⁵⁰
			Outdoor Residential Exposure TF	OWN	
			Agricultural Reentry TF	OWN	See endnote ⁵⁰
			Outdoor Residential Exposure TF	OWN	
			Agricultural Reentry TF	OWN	See endnote ⁵⁰
			Outdoor Residential Exposure TF	OWN	
			Agricultural Reentry TF	OWN	See endnote ⁵⁰
			Outdoor Residential Exposure TF	OWN	
			Agricultural Reentry TF	OWN	See endnote ⁵⁰

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 8 of 17

Applicant's/Registrant's Name & Address

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2700	Product Use Information		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰
875.2800	Descriptions of Human Activity		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰
875.2900	Data Reporting and Calculations		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰
875.3000	Nondietary Ingestion Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵⁰
201-1	Droplet Size Spectrum		Spray Drift TF	OWN	See endnote ⁵¹
202-1	Droplet Size Spectrum		Spray Drift TF	OWN	See endnote ⁵¹
850.4100	Tier 1: Seedling Emergence	43069901 49954202	Propanil Task Force II	OLD PAY	See endnote ⁵²
850.4150	Tier 1: Vegetative Vigor	43069901 49954201	Propanil Task Force II	OLD PAY	See endnote ⁵³
850.4400, 850.4500	Tier 1: Aquatic Plant Growth	41777201 41777301 41777401 41777501		OLD OLD OLD OLD	See endnote ⁵⁴
850.4100	Tier 2: Seedling Emergence	43069901 49954202	Propanil Task Force II	OLD PAY	See endnote ⁵²

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 8 of 17

Applicant's/Registrant's Name & Address

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Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agricultural Reentry TF	OWN	See endnote ⁵⁰
			Outdoor Residential Exposure TF	OWN	
			Spray Drift TF	OWN	See endnote ⁵¹
			Spray Drift TF	OWN	See endnote ⁵¹
			Propanil Task Force II	OLD PAY	See endnote ⁵²
			Propanil Task Force II	OLD PAY	See endnote ⁵³
				OLD OLD OLD OLD	See endnote ⁵⁴
			Propanil Task Force II	OLD PAY	See endnote ⁵²
			Propanil Task Force II	OLD PAY	See endnote ⁵³
				OLD OLD OLD OLD	See endnote ⁵⁴

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DATA MATRIX

Date July 29, 2019	EPA Reg No./File Symbol 75640-X	Page 9 of 17
Applicant's/Registrant's Name & Address ADAMA Andina BV c/o Makhteshim Agan of North America (d/b/a ADAMA) 3120 Highwoods Blvd., Suite 100 Raleigh, NC 27604	Product Propanil Technical	

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4150	Tier 2: Vegetative Vigor	43069901 49954201	Propanil Task Force II	OLD PAY	See endnote ⁵³
850.4400, 850.4500	Tier 2: Aquatic Plant Growth	41777201 41777301 41777401 41777501		OLD OLD OLD OLD	See endnote ⁵⁴
850.4300	Terrestrial Field				Not required
850.4450	Aquatic Field				Not required
850.4025	Target Area Phytotoxicity				Not required
850.4550	Cyanobacteria Toxicity	41776701		OLD	See endnote ⁵⁵
835.2120	Hydrolysis	00111395 41066601 47165601	Propanil Task Force II	OLD OLD PAY	See endnote ⁵⁶
835.2240	Photodegradation in Water	41074701 47165603	Propanil Task Force II	OLD PAY	See endnote ⁵⁷
835.2410	Photodegradation in Soil	42820401		OLD	See endnote ⁵⁸
835.2370	Photodegradation in Air				Not required
835.4100	Aerobic Soil Metabolism	41537801 50700101	Propanil Task Force II	OLD PAY	See endnote ⁵⁹
835.4200	Anaerobic Soil Metabolism	41872601		OLD	

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DATA MATRIX

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EPA Reg No./File Symbol 75640-X

Page 9 of 17

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					Not required
					Not required
					Not required
				OLD	See endnote ⁵⁵
			Propanil Task Force II	OLD OLD PAY	See endnote ⁵⁶
			Propanil Task Force II	OLD PAY	See endnote ⁵⁷
				OLD	See endnote ⁵⁸
					Not required
			Propanil Task Force II	OLD PAY	See endnote ⁵⁹
				OLD	
			Propanil Task Force II	OLD PAY	See endnote ⁶⁰
			Propanil Task Force II	OLD PAY	See endnote ⁶¹
			Propanil Task Force II	OLD PAY	See endnote ⁶²
					Not required ⁶³

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DATA MATRIX

Date July 29, 2019	EPA Reg No./File Symbol 75640-X	Page 10 of 17
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Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.4300	Aerobic Aquatic Metabolism	41848701 50659601	Propanil Task Force II	OLD PAY	See endnote ⁶⁰
835.4400	Anaerobic Aquatic Metabolism	41872601 50676701	Propanil Task Force II	OLD PAY	See endnote ⁶¹
835.1230	Leaching / Adsorption / Desorption	42780401 47165602	Propanil Task Force II	OLD PAY	See endnote ⁶²
835.1410	Volatility – Laboratory				Not required ⁶³
835.8100	Volatility – Field				Not required
835.6100	Soil Field Dissipation Study				Not required ⁶⁴
835.6200	Aquatic Sediment Field Dissipation Study	42200401 42200501		OLD OLD	See endnote ⁶⁵
835.6300	Forest Field Dissipation Study				Not required
835.6400	Combination and Tank Mixes				Not required
835.7100	Ground Water Monitoring				Not required
850.6100	Environmental Chemistry Methods	50487601 50597801	Propanil Task Force II Propanil Task Force II	PAY PAY	

Signature 	Name and Title Jacob S. Moore, Federal Regulatory Manage	Date July 29, 2019
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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 10 of 17

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					Not required
					Not required ⁶⁴
				OLD OLD	See endnote ⁶⁵
					Not required
					Not required
					Not required
			Propanil Task Force II Propanil Task Force II	PAY PAY	
				OLD OLD OLD OLD OLD OLD OLD OLD OLD	

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 11 of 17

Applicant's/Registrant's Name & Address

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Product

Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1300	Nature of the Residue: Plants	00035588-89		OLD	
		00035684		OLD	
		00036100		OLD	
		00052347-50		OLD	
		00067394		OLD	
		42209201		OLD	
		42382901-02		OLD	
		43285401		OLD	
		43372201		OLD	
860.1300	Nature of the Residue: Livestock	00035697-99		OLD	
		00035905		OLD	
		41754401		OLD	
		41755301		OLD	
		41848801		OLD	
		41848901		OLD	
		41849101		OLD	
		41983901		OLD	
860.1850	Confined Rotational Crops	42963001		OLD	

Signature

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 11 of 17

Applicant's/Registrant's Name & Address

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 12 of 17

Applicant's/Registrant's Name & Address

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Methods	00035587		OLD	
		00055547		OLD	
		00067394		OLD	
		00076113		OLD	
		00111367		OLD	
		00111388		OLD	
		43196001		OLD	
		44748202		OLD	
860.1360	Multiresidue Method	41755001		OLD	
860.1380	Storage Stability	00035683		OLD	
		43157001		OLD	
		43157002		OLD	
860.1500	Magnitude of the Residue in Plants: rice	00035576		OLD	
		00035687		OLD	
		00035688		OLD	
		00052347		OLD	
		42237101		OLD	
		42237201		OLD	
		42237301		OLD	
		42417401		OLD	
		43157001		OLD	
		43282801		OLD	

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 12 of 17

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
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				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 13 of 17

Applicant's/Registrant's Name & Address

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: rice	00035576 00035687 00035688 00052347 42237101 42237201 42237301 42417401 43157001 43282801		OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	
860.1480	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs	00035694 00035695 44550101 44748201		OLD OLD OLD OLD	
860.1400	Nature and Magnitude of the Residue in Potable Water	43406501		OLD	
860.1400	Magnitude of the Residue in Fish	00035692 00111394 43748101		OLD OLD OLD	
860.1400	Magnitude of the Residue in Plants Resulting from the Use of Irrigation Water	42200401 42200501		OLD OLD	
860.1460	Magnitude of the Residue in Food Handling Establishments				Not required
860.1900	Field Rotational Crops				Not required

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DATA MATRIX

Date July 29, 2019

EPA Reg No./File Symbol 75640-X

Page 13 of 17

Applicant's/Registrant's Name & Address

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Propanil Technical

Ingredient Propanil (CAS No.: 709-98-8; Chemical Code: 028201)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
				OLD	
					Not required
					Not required

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July 29, 2019

Data Matrix Endnotes for Propanil Technical

- ¹ **870.1100** – The study cited is acceptable and satisfies the data requirement as per the April 23, 2015 *Propanil: Registration Review Human Health Scoping Document* (DP Barcode: D424441) (Scoping Document).
- ² **870.1200** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document.
- ³ **870.1300** – MRID No. 41265901 is acceptable and satisfies the data requirement as per the Scoping Document but appears data was conducted on a 60% dry flowable formulation. MRID No. 44685902 is also cited.
- ⁴ **870.2400** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document.
- ⁵ **870.2500** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document.
- ⁶ **870.2600** – MRID No. 40070204 is acceptable and satisfies the data requirement as per the Scoping Document but appears data was conducted on a formulation. MRID No. 41360401 is also cited.
- ⁷ **850.2100** – The study cited is acceptable and satisfies the data requirement as per the April 28, 2015 *Registration Review: Preliminary Problem Formulation for Environmental Fate, Ecological Risk, Endangered Species, and Drinking Water Exposure Assessments for Propanil* (DP Barcode: D424442) (Problem Formulation). Passerine data were also required as per the June 27, 2016 *Propanil Generic Data Call-In* (GDCI-028201-1556) (DCI). These data appear to have been submitted under MRID No. 50663401.
- ⁸ **850.2200** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation. An outstanding data requirement from the RED DCI for 3,4-DCA data on bobwhite quail was identified as a gap in the Problem Formulation. MRID No. 49954203 appears to have been submitted to satisfy this data gap.
- ⁹ **850.2300** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation. An outstanding data requirement from the RED DCI for 3,4-DCA data was waived as per the Problem Formulation.
- ¹⁰ **850.1075** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation. The data gap for the submission of 3,4-DCA data identified in the *Amendment to Reregistration Eligibility Decision (RED) for Propanil (March 2006) and the Propanil RED (September 2003)* (RED), was waived as per the Problem Formulation.
- ¹¹ **850.1010** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. The data gap for the submission of 3,4-DCA data identified in the RED, was waived as per the Problem Formulation.
- ¹² **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation. The data gap for the submission of 3,4-DCA data identified in the RED, was waived as per the Problem Formulation.
- ¹³ **850.1300** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. The data gap for the submission of 3,4-DCA data identified in the RED, was waived as per the Problem Formulation.
- ¹⁴ **850.1350** – As per the Problem Formulation, no chronic data exist for estuarine/marine invertebrates. An acute to chronic ratio can be calculated using other available the studies cited, including MRID No. 00124277 (Acc. 249347 (TGA)) to estimate a conservative toxicity endpoint for estuarine/marine invertebrates. The data gap for the submission of 3,4-DCA data identified in the RED, was waived as per the Problem Formulation.
- ¹⁵ **850.1400** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation. Acute toxicity fathead minnow data are also cited (MRID No. 00117965).

Data Matrix Endnotes for Propanil Technical

1	[REDACTED]
2	[REDACTED]
3	[REDACTED]
4	[REDACTED]
5	[REDACTED]
6	[REDACTED]
7	[REDACTED]
8	[REDACTED]
9	[REDACTED]
10	[REDACTED]
11	[REDACTED]
12	[REDACTED]
13	[REDACTED]
14	[REDACTED]
15	[REDACTED]

Data Matrix Endnotes for Propanil Technical

- ¹⁶ **850.1400** – As per the Problem Formulation, no chronic data are available for estuarine/marine fish. An acute to chronic ratio can be calculated using the available studies to estimate a conservative toxicity endpoint for estuarine/marine invertebrates.
- ¹⁷ **850.1500** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation.
- ¹⁸ **850.1710, 850.1730, 850.1850** – As per the Problem Formulation, data were waived on 4/26/1989 due to low K_{ow} value.
- ¹⁹ **850.3020** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation or the RED. Note: MRID No. 00018842 is not cited as it is a duplicate of MRID No. 00009181.
- ²⁰ **850.3030** – The need for these data is dependent upon lower tier testing.
- ²¹ **850.3040** – The need for these data is dependent upon lower tier testing.
- ²² **SS-1155** – The need for these data is dependent upon lower tier testing and the need for a refined pollinator risk assessment.
- ²³ **SS-1311** – These data were required as per the DCI. The studies cited appear to have been submitted to satisfy this data gap.
- ²⁴ **SS-1314** – These data were required as per the DCI. The study cited appears to have been submitted to satisfy this data gap.
- ²⁵ **SS-1315** – The need for these data is dependent upon lower tier testing and the need for a refined pollinator risk assessment.
- ²⁶ **SS-1346** – These data were required as per the DCI. The study cited appears to have been submitted to satisfy this data gap.
- ²⁷ **870.6100** – These data are not required as per the Scoping Document.
- ²⁸ **870.6200** – These data were identified as a data gap in the Scoping Document and were called in on the June 27, 2016 DCI. It appears the data cited were submitted to satisfy this data gap.
- ²⁹ **870.3100** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document and the RED. Note: An incorrect MRID No. is referenced in the Scoping Document and the RED for MRID No. 00015419, however the correct citation is believed to have been cited here.
- ³⁰ **870.3150** – No subchronic dog data have been submitted, however chronic dog data are available. Chronic dog data are no longer required as per the 2007 changes to 40 CFR Part 158. However, the study cited is acceptable and satisfies the data requirement as per the RED for the subchronic data requirement.
- ³¹ **870.3200** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document and the RED. Note: The Scoping Document mistakenly cited the transmittal document for MRID No. 41981801.
- ³² **870.3250** – These data are not required nor have any data been submitted as per the Scoping Document.
- ³³ **870.3465** – These data were identified as an outstanding data gap as per the RED and the Scoping Document. The study cited appears to have been submitted to satisfy this data gap.
- ³⁴ **870.6100** – These data are not required as per the Scoping Document.
- ³⁵ **870.6200** – This data requirement was waived as per the Scoping Document (TXR# 0057107).
- ³⁶ **870.4100** – The studies cited are acceptable and satisfy the data requirement as per the RED or the Scoping Document.

Data Matrix Endnotes for Propanil Technical

16	[REDACTED]
17	[REDACTED]
18	[REDACTED]
19	[REDACTED]
20	[REDACTED]
21	[REDACTED]
22	[REDACTED]
23	[REDACTED]
24	[REDACTED]
25	[REDACTED]
26	[REDACTED]
27	[REDACTED]
28	[REDACTED]
29	[REDACTED]
30	[REDACTED]
31	[REDACTED]
32	[REDACTED]
33	[REDACTED]
34	[REDACTED]
35	[REDACTED]
36	[REDACTED]

Data Matrix Endnotes for Propanil Technical

- ³⁷ **870.4200** – The studies cited are acceptable and satisfy the data requirement as per the RED or the Scoping Document.
- ³⁸ **870.3700** – The studies cited are acceptable and satisfy the data requirement as per the RED or the Scoping Document.
- ³⁹ **870.3800** – The studies cited are acceptable and satisfy the data requirement as per the RED or the Scoping Document.
- ⁴⁰ **870.6300** – These data are not required nor have any data been submitted as per the Scoping Document. See guideline 890.1150 for data pertaining to the androgen receptor binding assay as required in the RED.
- ⁴¹ **870.5100** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document and the RED.
- ⁴² **870.5300, 870.5375** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document and the RED.
- ⁴³ **870.5385, 870.5395, 870.5450, 870.5550** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document and the RED.
- ⁴⁴ **870.7485** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document and the RED.
- ⁴⁵ **870.7600** – These data are not required as per the Scoping Document.
- ⁴⁶ **870.7800** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document.
- ⁴⁷ **890.1150** – Only these data, and not the entire EDSP series data, were required as per the RED in order to confirm the receptor-mediated endocrine mode of action of propanil. It appears the study cited was submitted to satisfy this data gap.
- ⁴⁸ **875.1100, 875.1300, 875.1600, 875.1700** – ADAMA is a member in good standing of the Agricultural Handler Exposure Task Force (AHETF). ADAMA is not proposing to register any dry flowable formulations and so a propanil specific mixer/loader exposure study is not required (875.1100).
- ⁴⁹ **875.1500** – As per the RED, propanil-specific worker exposure (bio-monitoring) data were developed and submitted (MRID No. 46075501). ADAMA is a member in good standing of the Agricultural Handler Exposure Task Force (AHETF).
- ⁵⁰ **875.2200, 875.2300, 875.2400, 875.2500, 875.2600, 875.2700, 875.2800, 875.2900, 875.3000** – ADAMA is a member in good standing of the Agricultural Reentry Task Force (ARTF) and the Outdoor Residential Exposure Task Force (ORETF).
- ⁵¹ **201-1, 202-1** – ADAMA is a member in good standing of the Spray Drift Task Force (SDTF).
- ⁵² **850.4100** – MRID No. 43069901 is acceptable and satisfies the data requirement as per the Problem Formulation. An outstanding data requirement from the RED DCI for 3,4-DCA data was identified as a gap in the Problem Formulation. MRID No. 49954202 appears to have been submitted to satisfy this data gap.
- ⁵³ **850.4150** – MRID No. 43069901 is acceptable and satisfies the data requirement as per the Problem Formulation. An outstanding data requirement from the RED DCI for 3,4-DCA data was identified as a gap in the Problem Formulation. MRID No. 49954201 appears to have been submitted to satisfy this data gap.
- ⁵⁴ **850.4400, 850.4500** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation.
- ⁵⁵ **850.4550** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation.

Data Matrix Endnotes for Propanil Technical

37	[REDACTED]
38	[REDACTED]
39	[REDACTED]
40	[REDACTED]
41	[REDACTED]
42	[REDACTED]
43	[REDACTED]
44	[REDACTED]
45	[REDACTED]
46	[REDACTED]
47	[REDACTED]
48	[REDACTED]
49	[REDACTED]
50	[REDACTED]
51	[REDACTED]
52	[REDACTED]
53	[REDACTED]
54	[REDACTED]
55	[REDACTED]

Data Matrix Endnotes for Propanil Technical

- ⁵⁶ **835.2120** – The studies cited are acceptable or supplemental but satisfy the data requirement as per the Problem Formulation and no data gap has been identified.
- ⁵⁷ **835.2240** – The studies cited are acceptable or supplemental but satisfy the data requirement as per the Problem Formulation and no data gap has been identified. Note: An invalid citation for MRID No. 41074701 is referenced in the Problem Formulation, however the correct study is cited here.
- ⁵⁸ **835.2410** – The study cited is supplemental but satisfies the data requirement as per the Problem Formulation and no data gap has been identified.
- ⁵⁹ **835.4100** – MRID No. 41537801 is supplemental as per the Problem Formulation. Note: An invalid citation for MRID No. 41537801 is referenced in the Problem Formulation, however the correct study is cited here. Additional data on propanil TGA1 and 3,4-DCA in three more soils were required as per the Problem Formulation and the DCI. The study cited (MRID No. 50700101) appears to have been submitted to satisfy this data gap.
- ⁶⁰ **835.4300** – MRID No. 41848701 is supplemental as per the Problem Formulation. Additional data on 3,4-DCA were required as per the Problem Formulation and the DCI. The study cited (MRID No. 50659601) appears to have been submitted to satisfy this data gap.
- ⁶¹ **835.4400** – MRID No. 41872601 is supplemental as per the Problem Formulation. Additional data on 3,4-DCA were required as per the Problem Formulation and the DCI. The study cited (MRID No. 50676701) appears to have been submitted to satisfy this data gap.
- ⁶² **835.1230** – The studies cited are supplemental but satisfy the data requirement as per the Problem Formulation and no data gap has been identified.
- ⁶³ **835.1410** – These data are not required as propanil is relatively non-volatile as per the Problem Formulation.
- ⁶⁴ **835.6100** – These data are not required for the proposed use pattern of this product.
- ⁶⁵ **835.6200** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation.

Data Matrix Endnotes for Propanil Technical

56	[REDACTED]
57	[REDACTED]
58	[REDACTED]
59	[REDACTED]
60	[REDACTED]
61	[REDACTED]
62	[REDACTED]
63	[REDACTED]
64	[REDACTED]
65	[REDACTED]